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To: U.S. Patent and Trademark Office**Facsimile: (703) 872-9306****From: Robert E. Scheid - Reg. No. 42,126****Date: August 16, 2004**

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Re: U.S. Patent Application Serial Nos. 10/652,018
For: METHOD AND APPARATUS FOR QUANTIFYING TRADEOFFS FOR
MULTIPLE COMPETING GOALS IN CIRCUIT DESIGN
By: Hongzhou LIU et al.
Filed: August 29, 2003
Art Unit: 2825
Examiner: Not Yet Assigned
Our Reference: 188122003400

ATTACHED DOCUMENTS:

1. Transmittal (1 page)
2. Power of Attorney document (1 page) and
3. Statement Under 37 CFR 3.73(b) and copy of Assignment documents (2 pages)

COMMENTS:

Please see attached documents. Thank you.

PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0851-0031
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/852,018
		Filing Date	August 29, 2003
		First Named Inventor	Hongzhou LIU
		Art Unit	2825
		Examiner Name	Not Yet Assigned
Total Number of Pages in This Submission	4	Attorney Docket Number	188122003400

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address (1 page) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Statement Under 37 C.F.R. § 3.73(b) with copy of Assignment (2 pages)
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	MORRISON & FOERSTER, LLP (Customer No. 20872) Robert E. Scheid - Reg. No. 42,128
Signature	
Date	August 16, 2004

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 872-9306, on the date shown below.

Dated: August 16, 2004

Signature:  (Leah M. Kjellen)

sf-1730971

PTO/SB/92 (08-03)

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REVOCATION OF POWER OF ATTORNEY and APPOINTMENT OF NEW POWER OF ATTORNEY	Application Number	10/652,018
	Filing Date	August 29, 2003
	First Named Inventor	Hongzhou LIU
	Art Unit	2825
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	188122003400

I hereby revoke all previous powers of attorney given in the above-identified application:

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners at Customer Number:

20872

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with Customer Number:

20872

OR

☐ Firm or Individual Name

Address

City

Country

State

Zip

Telephone

Fax

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name Michael J. Williams, Vice President and Associate General Counsel

Signature

Date

Telephone

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒

*Total of 1 forms are submitted.

SF-1730709

PTO/SB/98 (08-03)

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Hongzhou LIU et al.Application No./Patent No.: 10/652,018Filed/Issue Date: August 29, 2003Entitled: **METHOD AND APPARATUS FOR QUANTIFYING TRADEOFFS FOR MULTIPLE COMPETING GOALS IN CIRCUIT DESIGN**Cadence Design System, Inc.

(Name of Assignee)

, a

Delaware Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or2. ☐ an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

A. [] An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

B. [X] A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Hongzhou LIU et al.To: Neolinear, Inc.

The document was recorded in the United States Patent and Trademark Office at

Reel 014464, Frame 0165, or for which a copy thereof is attached.2. From: Neolinear, Inc.To: Cadence Design System, Inc.

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____

To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

[] Additional documents in the chain of title are listed on a supplemental sheet.

[x] Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

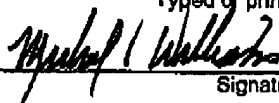
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

7-21-04

Date

Michael J. Williams

Typed or printed name

Telephone Number_____
SignatureVice President and Associate General Counsel_____
Title

sf-1730895

ASSIGNMENT

WHEREAS, NEOLINEAR, INC., a corporation of the State of Delaware, having a place of business at 583 Epsilon Drive, Pittsburg, Pennsylvania 15238, (hereinafter "assignor"), is the sole and exclusive owner, by assignment, of the United States Patent Application Serial No. 10/652,018, filed August 29, 2003, entitled "METHOD AND APPARATUS FOR QUANTIFYING TRADEOFFS FOR MULTIPLE COMPETING GOALS IN CIRCUIT DESIGN" and of the United States Provision Patent Application Serial No. 60/474,464, filed May 30, 2003, entitled "METHOD TO QUANTIFY TRADEOFFS FOR MULTIPLE COMPETING GOALS IN CIRCUIT DESIGN", and the inventions described therein; and

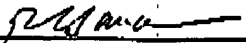
WHEREAS, CADENCE DESIGN SYSTEMS, INC., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 2655 Seely Avenue, Building 5, San Jose, California 95134 (hereinafter referred to as the "assignee") is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon:

NOW, THEREFORE, in consideration of and in exchange for the sum of One Dollar (\$1.00) to be paid by assignee and other good and valuable consideration, the receipt of which is hereby acknowledged, assignor has sold, assigned, and transferred, and does hereby sell, assign, and transfer the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all applications for Letters Patent in the United States of America and in all foreign countries and in all Patents in the United States of America and all foreign countries which may be granted therefore and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said assignees, for their own use and the use of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents, may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, the said assignor hereby covenants and agrees to and with the assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent or Patents of the United States on said inventions or resulting from said applications and any continuations, divisionals and reissues thereof to assignee as assignee of the entire interest, and hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreements inconsistent herewith.

7/21/04
Date


Name: R.L. Smith McKeithen
Title: Secretary